

DHEP Annual Meeting

Tuesday, 17 March 2026

Collider Physics: Part I - AG66 (Lecture Theatre) (09:30 - 11:00)

time	[id] title	presenter
09:30	[22] Overview of activities at the CMS and Belle II experiments	Dr JAIN, Shilpi
09:55	[23] Time-dependent CP violation study in $B^0 \rightarrow K_s \pi^0 \gamma$ decays at Belle II	MEHTA, Rishabh
10:10	[24] ML-based optimization to improve luminosity delivery to Belle II	Mr TRIPATHY, Sarthak
10:25	[25] Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in proton-proton collisions	Dr MISHRA, Tribeni
10:40	[26] Measurement of cross-section and a search for anomalous neutral triple gauge coupling in the photon + MET using CMS Run 3 data	Ms PRAMANIK, Riya

Collider Physics: Part II - AG66 (Lecture Theatre) (11:30 - 12:35)

time	[id] title	presenter
11:30	[27] Test of lepton flavor universality in W boson decays using top quark pair events	Mr SURYADEVARA, Pruthvi
11:45	[28] A GNN based energy correction for electrons and photons in CMS	DAS, Avik
12:00	[29] Measurement of collider-independent asymmetries in the semileptonic final state of top quark pair events	Mr SHELAKI, Mukund
12:20	[30] A search for exotic decays of the Higgs boson to a pair of pseudo-scalars in $b\bar{b}GG$ final state in Run 2	Mr BALA, Anirban